

**To:** Johnson, James[Johnson.James@epa.gov]  
**From:** Hooper, Charles A.  
**Sent:** Tue 10/13/2015 6:39:31 PM  
**Subject:** RE: FINAL DATA SUMMARY OF BASELINE OFF-SITE AIR MONITORING RADIOLOGICAL PARAMETERS REPORT

Looks good, just caught one typo:

Page 10 – in the Gross Beta section; “gross alpha” should read “gross beta”.

Regarding the suggested outliers in the gross alpha data, one should consider that (1) maximum detected gross beta concentrations among the five stations were within an order of magnitude (the station maximums ranged from 3.95E-02 to 4.36E-02 pCi/m<sup>3</sup>), (2) suggested outliers occurred at multiple stations, and (3) statistical analyses, overall, did not appear to indicate differences in gross beta results among the five stations (see Section 4.1.8).

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**From:** Johnson, James  
**Sent:** Wednesday, October 07, 2015 9:35 AM  
**To:** Hooper, Charles A. <Hooper.CharlesA@epa.gov>; Mahler, Tom <mahler.tom@epa.gov>;

Vann, Bradley <Vann.Bradley@epa.gov>; Juett, Lynn <Juett.Lynn@epa.gov>; Beringer, Mike <Beringer.Michael@epa.gov>; Washburn, Ben <washburn.ben@epa.gov>

**Cc:** Kappelman, David <Kappelman.David@epa.gov>

**Subject:** FINAL DATA SUMMARY OF BASELINE OFF-SITE AIR MONITORING  
RADIOLOGICAL PARAMETERS REPORT

Hi all, attached is a link to the final draft summary of the air monitoring radiological report. The report itself is too big to send thru regular office email, hence the drop box link. If you can't retrieve it, let me know. The report itself is mainly a summary compilation of the 2014 – 2015 quarterly reports and adds the final radiation summary data from the Spanish Village Park location. From my cursory review, it doesn't change the outcome that most of the data shows below regulatory concern and more reflects the radiation background of the Bridgeton area. Please distribute to those you see fit to have that I may not have included. Also, your feedback is important to the process, if you have any, please provide comments/feedback by COB, Friday, October 16, 2015. Thanks.

<https://dl.dropboxusercontent.com/u/2042250/West%20Lake%20Landfill%20Final%20Data%20Summary%20Final%20Radiological%20Parameters%20-%20DRAFT%20FOR%20DISCUSSION.pdf>

James A. Johnson, OSC

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"Too many clowns, not enough circuses"!

